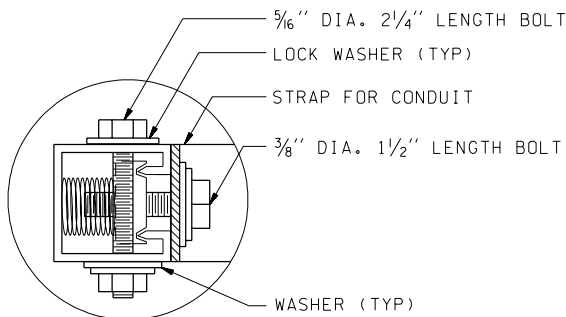


NOTES

MOUNTING HARDWARE DETAILS ARE PROVIDED FOR ILLUSTRATIVE PURPOSES ONLY. THE CONTRACTOR MAY PROPOSE GEOMETRIC ATTACHMENT MODIFICATIONS, SUBJECT TO APPROVAL BY THE ENGINEER.

DRILLING THROUGH REINFORCING STEEL IS NOT ALLOWED. IF STEEL IS HIT WHILE DRILLING, THE LOCATION SHALL BE MOVED AND THE ABANDONED HOLE FILLED WITH GROUT CONFORMING TO SECTION 6-02.3(20). THERE SHALL BE A MINIMUM 3" EDGE DISTANCE TO THE CENTERLINE OF ANCHOR HOLES IN CONCRETE. MOUNT THE UNISTRUT USING AN APPROVED RESIN BONDED ANCHOR SYSTEM, INSTALLED PER MANUFACTURERS RECOMMENDATION IN DRY CONDITIONS. RESIN BONDED ANCHORS SHALL BE STAINLESS STEEL AND SHALL BE A MINIMUM OF 3/8" DIA. UNLESS THE PLANS REQUIRE LARGER ANCHORS. (EXPANSION ANCHORS ARE NOT ALLOWED.)

UNISTRUT DETAIL



DETAIL A

RIGID GALVANIZED STEEL CONDUIT		
NOMINAL TRADE SIZE IN.	CONDUIT STRAP OUTSIDE	DIAMETER INSIDE
1/2	0.840	0.622
3/4	1.050	0.824
1	1.315	1.049
1 1/4	1.660	1.380
1 1/2	1.900	1.610
2	2.375	2.067
2 1/2	2.875	2.469
3	3.500	3.068
3 1/2	4.000	3.548
4	4.500	4.026
5	5.563	5.047
6	6.625	6.065

SCHEDULE 40 PVC		
NOMINAL TRADE SIZE IN.	CONDUIT STRAP OUTSIDE	DIAMETER INSIDE
1/2	0.840	0.622
3/4	1.050	0.824
1	1.315	1.049
1 1/4	1.660	1.380
1 1/2	1.900	1.610
2	2.375	2.067
2 1/2	2.875	2.469
3	3.500	3.068
3 1/2	4.000	3.548
4	4.500	4.026
5	5.563	5.047
6	6.625	6.065

SCHEDULE 80 PVC		
NOMINAL TRADE SIZE IN.	CONDUIT STRAP OUTSIDE	DIAMETER INSIDE
1/2	0.840	0.546
3/4	1.050	0.742
1	1.315	0.957
1 1/4	1.660	1.278
1 1/2	1.900	1.500
2	2.375	1.939
2 1/2	2.875	2.323
3	3.500	2.900
4	4.500	3.826
5	5.563	4.813

FILE NAME S:\414126\Electrical\MASTER_FILES\DETAILS V8\UNISTRUT_E.dgn				REGION NO. 10		STATE WASH	FED.AID PROJ.NO.	Washington State Department of Transportation		ENGLISH		PLOT1
TIME 04:13:46 PM	ATTACHMENT BOLT SPACING MIN/MAX 2-6-02		JH	JOB NUMBER		LOCATION NO.				5.04E		
DATE 08/13/2003	"NOTES" REVISED. 6-13-01		JH	CONTRACT NO.		DATE		UNISTRUT DETAILS		SHEET		
DESIGNED BY	ANCHOR BOLT "PENETRATION" LENGTH 6-7-01		JH							OF		
ENTERED BY	ADD DETAIL A 2-6-01		JH							SHEETS		
CHECKED BY	ADD BOLTS AT ENDS/SPEC. SECTION CHNG. 8-21-00		JH									
PROJ. ENGR.	NEW SHT DESIGNATION AND #											
REGIONAL ADM.	REVISION		DATE	BY								